

Application No. 10/053,720
Amendment dated July 18, 2005
Reply to Office Action mailed on March 17, 2005

Amendments to the Claims:

Please amend claims 25 and 26.

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

Claim 1 (cancelled).

Claim 2 (cancelled).

Claim 3 (cancelled).

Claim 4 (cancelled).

Claim 5 (cancelled).

Claim 6 (cancelled).

Claim 7 (cancelled).

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Claim 8 (previously amended). An apparatus for reclaiming concrete, comprising:

- a hopper with water means for introducing water to the hopper;
- a separator having an inlet for receiving material from the hopper into the separator and a passageway for axially flowing the material therethrough;
- a first outlet for removing material from the separator;
- a second outlet for removing material from the separator;
- a rotatable screen wheel positioned in the passageway of the separator, the rotatable screen wheel having axial apertures to screen the axially flowing material by allowing material smaller than a predetermined size to pass through the rotatable screen wheel and to flow to the second outlet and preventing material larger than a predetermined size from passing through the rotatable screen wheel to form screened out material, the rotatable screen wheel further being positioned so as to centrifugally direct the screened out material to the first outlet as the rotatable screen wheel rotates;

and

- a sand tank for receiving material from the second outlet of the separator.

Claim 9 (original). The apparatus of claim 8, further comprising:

- a first water holding tank; and
- a separator outlet line connecting the first water holding tank to the separator.

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Claim 10 (original). The apparatus of claim 9, further comprising a first water holding tank outlet in the bottom section of the first water holding tank.

Claim 11 (original). The apparatus of claim 9, further comprising:

a second water holding tank; and

a first water holding tank outlet line connecting the second water holding tank to the first water holding tank.

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Claim 12 (previously amended). An apparatus for reclaiming concrete, comprising:

- a hopper with water means for introducing water to the hopper;
- a separator having an inlet for receiving material from the hopper;
- a rotatable screen positioned in the separator;
- a first outlet for removing material from the separator;
- a second outlet for removing material from the separator;
- a sand tank for receiving material from the second outlet of the separator.
- a first water holding tank;
- a separator outlet line connecting the first water holding tank to the separator;
- a second water holding tank;
- a first water holding tank outlet line connecting the second water holding tank to the first water holding tank;
- a third water holding tank; and
- a second water holding tank outlet line connecting the third water holding tank to the second water holding tank.

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Claim 13 (original). The apparatus of claim 12, further comprising:

a fourth water holding tank; and

a third water holding tank outlet line connecting the fourth water holding tank to the third water holding tank.

Claim 14 (cancelled).

Claim 15 (cancelled).

Claim 16 (cancelled).

Claim 17 (cancelled).

Claim 18 (cancelled).

Claim 19 (cancelled).

Claim 20 (cancelled).

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Claim 21 (previously added). The apparatus of claim 12, further comprising a pump for pumping material from the hopper to the separator.

Claim 22 (previously added). The apparatus of claim 12, wherein the water means includes a water pump for pumping water to the hopper.

Claim 23 (previously added). The apparatus of claim 12, further comprising driving means for driving the rotatable screen.

Claim 24 (cancelled).

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Claim 25 (currently amended). An apparatus for reclaiming concrete, comprising:

a separator having an inlet for receiving material into the separator and a passageway for axially flowing the material therethrough;

a rotatable screen positioned in the passageway of the separator;

a first outlet for removing material from the separator wherein the first outlet is between the inlet and the rotatable screen;

a second outlet for removing material from the separator wherein the second outlet is downstream of the rotatable screen; and

a sand tank for receiving material from the second outlet of the separator; and
means for flowing material out of the sand tank;

the rotatable screen being positioned in the passageway of the separator to screen the axially flowing material by allowing material smaller than a predetermined size to pass through the rotatable screen and to flow to the second outlet and preventing material larger than a predetermined size from passing through the rotatable screen to form screened out material, the rotatable screen further being positioned so as to centrifugally direct the screened out material to the first outlet as the rotatable screen rotates.

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Claim 26 (currently amended). The apparatus of claim 25, further comprising:

a first water holding tank; and

a separator outlet line connecting the first water holding tank to the separator;

the means for flowing material out of the sand tank providing a flowpath from the sand tank to the first water holding tank.

Claim 27 (previously added). The apparatus of claim 26, further comprising a first water holding tank outlet in the bottom section of the first water holding tank.

Claim 28 (previously added). The apparatus of claim 26, further comprising:

a second water holding tank; and

a first water holding tank outlet line connecting the second water holding tank to the first water holding tank.